



SCOPE OF WORK 2003 I-CODES (SI-6)

CLV Plans Check # _____ Application # _____

Includes all types of work listed under IBC Sections 1704 to 1709.

NOTE: CLV Structural Plans Examiner will fill out this form.

SIA = Special Inspection Agency to perform inspection

CLV = City of Las Vegas staff to perform inspection

CLV Inspections, 229-2071

CLV Express Inspections, 229-5112

Required inspection **if marked with X**

CLV	SIA		
		1.	Steel Construction (Table 1704.3 & Section 1704.3)
		a.	Material verification of high strength bolts, structural steel, weld filler
		b.	Welding (Section 1704.3.1 & Table 1704.3)
		(1)	Structural Steel
		c.	Details of steel frames (Table 1704.3)
		d.	High strength bolting (Section 1704.3.3)
		e.	Manufacturer's certificate of compliance
		f.	Verification of approved fabricator
		g.	Bearing and base plate grouting
		h.	Non-destructive testing
		2.	Concrete Construction (Table 1704.4 & Section 1704.4)
		a.	Materials
		b.	Reinforcing steel
		(1)	Reinforcing steel CLV FOOTINGS & FOUNDATIONS
		(2)	Reinforcing steel SIA FOOTINGS & FOUNDATIONS
		c.	Prestressing steel
		d.	Bolts in concrete
		e.	Shot Crete and placement
		f.	Prestressed concrete
		g.	Erection of precast concrete members
		h.	Slab-on-grade, except _____
		i.	Verification of required design mix
		j.	Concrete cylinders, slump, air, temperature
		k.	Curing
		l.	Verification of in-situ concrete strength
		3.	Masonry Construction (Section 1704.5)
		a.	Level 1 Special Inspections (Table 1704.5.1)
		b.	Level 2 Special Inspections (Table 1704.5.3)
		4.	Wood Construction (Section 1704.6)
		a.	Verification of approved fabricator for prefabricated wood structural elements.
		b.	Fabrication of high load diaphragms (sheathing, nailing, fastening, framing)
		5.	Soils (Section 1704.7)
		a.	Site preparation
		b.	Fill placement
		c.	In-place density
		d.	Special excavation, grading and filling
		6.	Pile Foundations (Section 1704.8)

		7.	Pier Foundations (Section 1704.9)
		8.	Sprayed Fire Resistant Materials (Section 1704.11)
		9.	Exterior Insulation and Finish Systems (EIFS) (Section 1704.12)
		10.	Special Cases: (Section 1704.13)
		a.	Rebar/Bolt in epoxy grout CLV Express Inspections, call 229-5112
		b.	Hold-down substitution in tension
		c.	Rock retaining walls (Rock placement, rock size, footing, embedment, drainage, backfill, compaction, filter fabric, batter, slope and other items specified by engineer of record).
		d.	Expansion anchors, embedded plates
		e.	Embedded plates
		f.	Others
		11.	Smoke Control (To be approved by City of Las Vegas Fire Dept.)
		12.	Quality Assurance Plan by Engineer of Record (Section 1705)
		13.	Special Inspections for Seismic Resistance (Section 1707)
		a.	Structural steel (Section 1707.2)
		b.	Structural welding (Section 1707.2)
		c.	Structural wood (Section 1707.3)
		(1)	Field gluing
		(2)	Nailing, bolting, anchoring, fastening
		(3)	Drag struts
		(4)	Braces
		(5)	Hold-downs
		(6)	Shear walls and diaphragm nailing, anchoring, bolting and fastening
		d.	Cold formed steel framing (Section 1707.4)
		e.	Storage racks over 8 ft and access floors (Section 1707.5)
		f.	Architectural components (Section 1707.6)
		(1)	Exterior cladding
		(2)	Interior and exterior non-bearing walls
		(3)	Interior and exterior veneer
		g.	Mechanical and electrical components (Section 1707.7)
		(1)	Component inspection (Section 1707.7.1)
		(2)	Component attachment and testing (Section 1707.7.2).
		(3)	Component manufacturer certification (Section 1707.7.3)
		14.	Structural Testing for Seismic Resistance (Section 1708)
		a.	Masonry level 1 (Section 1708.1 & Table 1708.1.2)
		b.	Masonry level 2 (Section 1708.1 & Table 1708.1.4)
		c.	Testing for seismic resistance
		(1)	Seismic force resisting systems
		(2)	Designated systems
		d.	Reinforcing and prestressing steel
		e.	Structural steel
		15.	Mechanical & Electrical Equipment Seismic Resistance Testing (Section 1708.5)
		a.	Manufacturer's certificate of compliance on anchorage
		b.	Inspection of anchorages and labels
		16.	Structural Observation by Engineer of Record (Section 1709)
		17.	Amusement Rides
		a.	Construction inspection and testing
		b.	Operation and maintenance inspection and testing
		c.	Non-destructive testing
		18.	Other Inspections
		19.	Scope of Work in Structural Plans

All continuous inspections shall be in accordance with 2003 IBC, Chapter 17.